## **Refine Search**

#### Search Results -

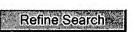
Terms	Documents
L2 and single adj3 (carrier or protein)	31

Database: US OCF

US Pre-Grant Publication Full-Text Database
US Patents Full-Text Database
US OCR Full-Text Database
EPO Abstracts Database
JPO Abstracts Database
Derwent World Patents Index
IBM Technical Disclosure Bulletins

Search:











### **Search History**

DATE: Thursday, July 05, 2007

**Purge Queries** 

Printable Copy C

Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB = 1	PGPB, USPT, USOC, EPAB, JPAB, DWPI; PLUR=YES; OP=OR		
<u>L3</u>	L2 and single adj3 (carrier or protein)	31	<u>L3</u>
<u>L2</u>	L1 and (base or enzyme or mutano\$ or NaOH or sodium adj hydroxide)	61	<u>L2</u>
<u>L1</u>	(GBS or group adj B adj streptococc\$) same conjugat\$ same (polysacch\$ or oligosacc\$ or capsul\$) same (polyval\$ or multival\$ or combin\$ or mix\$)	77	<u>L1</u>

END OF SEARCH HISTORY

First Hit Clear Generate Collection Print Bkwd Refs Bkwd Refs Generate OACS

#### **Search Results -** Record(s) 1 through 10 of 31 returned.

☐ 1. Document ID: US 20070036828 A1

L3: Entry 1 of 31 File: PGPB Feb 15, 2007

PGPUB-DOCUMENT-NUMBER: 20070036828

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20070036828 A1

TITLE: Group b streptococcus vaccine

PUBLICATION-DATE: February 15, 2007

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Rappuoli; Rino Castelnuovo Berardenga IT
Telford; John Siena IT
Grandi; Guido Siena IT

US-CL-CURRENT: 424/239.1; 536/53

Fuli	Titl∈	Citation	Front	Review	Classification	Cate	Reference	Sequences	Attachmenta	Claims	10000	Errann Di

☐ 2. Document ID: US 20060153879 A1

L3: Entry 2 of 31 File: PGPB Jul 13, 2006

PGPUB-DOCUMENT-NUMBER: 20060153879

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060153879 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: July 13, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Cleary; Paul Patrick Shoreview MN US Stafslien; Deborah K. Madison WI US

US-CL-CURRENT: 424/244.1; 435/212, 514/44

☐ 3. Document ID: US 20060147477 A1

L3: Entry 3 of 31

File: PGPB

Jul 6, 2006

PGPUB-DOCUMENT-NUMBER: 20060147477

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060147477 A1

TITLE: Immunogenic compositions

PUBLICATION-DATE: July 6, 2006

INVENTOR-INFORMATION:

CITY	STATE	COUNTRY
Rixensart		BE
Hertfordshire	•	GB
Rixensart		BE
Hertfordshire	•	GB
Rixensart		BE
Rixensart		BE.
	Rixensart Hertfordshire Rixensart Hertfordshire Rixensart	Rixensart Hertfordshire Rixensart Hertfordshire Rixensart

US-CL-CURRENT: 424/277.1; 435/320.1, 435/325, 435/69.1, 514/44, 530/350, 536/23.5

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L3: Entry 4 of 31

File: PGPB

Jun 1, 2006

PGPUB-DOCUMENT-NUMBER: 20060115479

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060115479 A1

TITLE: Nucleic acids coding for adhesion factor of group b streptococcus, adhesion factors of group b streptococcus and further uses thereof

PUBLICATION-DATE: June 1, 2006

· INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Reinscheid; Dieter J.	Neu-Ulm		DE
Gutekunst; Heike	Biberach		DE
Schubert; Axel	Neu-Ulm ·		DE
Eikmanns; Bernhard J.	Ulm ·		DE
Meinke; Andreas	Pressbaum		AT

US-CL-CURRENT: 424/146.1; 435/226, 435/320.1, 435/325, 435/6, 435/69.1, 530/388.26,

536/23.2

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 10000 Draw, De-

☐ 5. Document ID: US 20060051372 A1

L3: Entry 5 of 31

File: PGPB

Mar 9, 2006

PGPUB-DOCUMENT-NUMBER: 20060051372

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060051372 A1

TITLE: Antigenic compounds

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME

CITY .

STATE

COUNTRY

BE

Vande Velde; Vincent Rixensart

US-CL-CURRENT: 424/202.1; 424/208.1, 424/234.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 10000 Draw. D-

☐ 6. Document ID: US 20050197308 A1

L3: Entry 6 of 31

File: PGPB

Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 2005019.7308

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050197308 A1

TITLE: Vaccines

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Dalton, Colin Cave Rixensart BE
Easeman, Richard Lewis Brentford GB
Garcon, Nathalie Rixensart BE

US-CL-CURRENT: 514/44; 514/53, 604/500

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 6000 Draw De

7. Document ID: US 20050136068 A1

L3: Entry 7 of 31

File: PGPB

Jun 23, 2005

PGPUB-DOCUMENT-NUMBER: 20050136068

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050136068 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: June 23, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Cleary, Paul Patrick Shoreview MN US Stafslien, Deborah K. Madison WI US

US-CL-CURRENT: 424/190.1; 435/220

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachmente	Claims	10000	firant fi
	8. ]	Docume	nt ID:	US 20	040096461	<b>A</b> 1						•

PGPUB-DOCUMENT-NUMBER: 20040096461

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040096461 A1

TITLE: Chimeric multivalent polysaccharide conjugate vaccines

PUBLICATION-DATE: May 20, 2004

INVENTOR-INFORMATION:

CITY STATE COUNTRY NAME Michon, Francis Bethesda MD US Arbutus MD US Kim, John MD US Sarkar, Arun Olney Uitz, Catherine Arlington VA US

US-CL-CURRENT: 424/203.1; 530/395

Full Title Citation Front Review Class	ication Date Referen	se Sequences	Attachmente	Claims	10000	[Hand [H
☐ 9. Document ID: US 200400	71729 A1					
L3: Entry 9 of 31	File:	PGPB		Apr	15.	2004

PGPUB-DOCUMENT-NUMBER: 20040071729

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040071729 A1

TITLE: Group b streptococcus polypeptides nucleic acids and therapeutic

compositions and vaccines thereof

PUBLICATION-DATE: April 15, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Adderson, Elisabeth Memphis TN US Bohnsack, John Salt Lake City UT US

US-CL-CURRENT: 424/190.1; 435/252.3, 435/320.1, 435/69.1, 530/350, 536/23.7

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1000 Draw Date Process 

10. Document ID: US 20040062777 A1

L3: Entry 10 of 31 . File: PGPB Apr 1, 2004

PGPUB-DOCUMENT-NUMBER: 20040062777

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040062777 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: April 1, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Cleary, Paul Patrick Shoreview MN US Stafslien, Deborah K. Madison WI US

US-CL-CURRENT: 424/244.1; 435/219, 514/44, 536/23.2

Full	Title	Citation	Front	Review	Classification	frate	Reference	Sequences	Attachmenta	Claims	Photo	[-1300
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Search Results - Record(s) 11 through 20 of 31 returned.

☐ 11. Document ID: US 20040052801 A1

L3: Entry 11 of 31 File: PGPB Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040052801

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040052801 A1

TITLE: Streptococcal C5a peptidase vaccine

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Cleary, Paul Patrick Shoreview MN US Stafslien, Deborah K. Madison WI US

US-CL-CURRENT: 424/184.1

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims 1000C Draw De

☐ 12. Document ID: US 20040049150 A1

L3: Entry 12 of 31 File: PGPB Mar 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040049150

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040049150 A1

TITLE: Vaccines

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Dalton, Colin Cave Rixensart BE
Easeman, Richard Lewis Brentford GB
Garcon, Nathalie Rixensart BE

US-CL-CURRENT: 604/46

☐ 13. Document ID: US 20040047869 A1

L3: Entry 13 of 31 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20040047869

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040047869 A1

TITLE: Adjuvant composition comprising an immunostimulatory oligonucleotide and a

tocol

PUBLICATION-DATE: March 11, 2004

INVENTOR-INFORMATION:

NAME CITY STATE · COUNTRY

Garcon, Nathalie Rixensart BE
Gerard, Catherine Marie Ghislaine Rixensart BE
Stephenne, Jean Rixensart BE

US-CL-CURRENT: 424/184.1

Full Title Citation Front Review Classificat	nout   care   weletenge	seductions Stractiffe	ing channel londe	Frt3mi Fr

☐ 14. Document ID: US 20030161834 A1

L3: Entry 14 of 31 File: PGPB Aug 28, 2003

PGPUB-DOCUMENT-NUMBER: 20030161834

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030161834 A1

TITLE: Vaccines

PUBLICATION-DATE: August 28, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY
Friede, Martin Farnham GB
Garcon, Nathalie Wavre BE
Gerard, Catherine Marie Ghislaine Rhode Saint Genese BE
Hermand, Philippe Court-Saint-Etienne BE

US-CL-CURRENT: 424/184.1; 424/186.1, 424/204.1, 424/208.1, 424/226.1, 424/227.1, 424/228.1, 424/229.1, 424/231.1, 424/249.1, 424/258.1, 424/263.1, 424/278.1, 424/283.1, 424/450, 514/25, 514/44

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Mar 11, 2004

☐ 15. Document ID: US 20030082524 A1

L3: Entry 15 of 31 File: PGPB

PGPUB-DOCUMENT-NUMBER: 20030082524

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030082524 A1

TITLE: Method of isolating a peptide which immunologically mimics microbial carbohydrates including group B streptococcal carbohydrates and the use thereof in a vaccine

PUBLICATION-DATE: May 1, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Pincus, Seth H. Bozeman MT US

US-CL-CURRENT: 435/5; 424/190.1, 435/7.32, 530/322

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachmenta	Claima	15040	Crraint Co
		_										

☐ 16. Document ID: US 20020031526 A1

L3: Entry 16 of 31 File: PGPB Mar 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020031526

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020031526 A1

TITLE: Antigenic group B streptococcus type II and type III polysaccharide fragments having a 2, 5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

PUBLICATION-DATE: March 14, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Michon, Francis Laurel MD US Uitz, Catherine VΑ US Arlington Tai, Joseph Y. Fort Washington PA US

US-CL-CURRENT: 424/197.11; 536/53

Full T	Title (	Ditation	Front	Review	Classification	(+ate	Reference	Sequences	Attachmenta	Claima	1-0040	feranet f
<b></b> 1	17. I	Oocum	ent ID	: US 7	128919 B2					,		•

US-PAT-NO: 7128919

May 1, 2003

DOCUMENT-IDENTIFIER: US 7128919 B2

TITLE: Group B streptococcus polypeptides nucleic acids and therapeutic

compositions and vaccines thereof

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040071729 A1

April 15, 2004

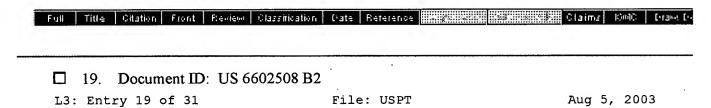
Full Title Citation Front Review Classification Date Reference Sequences Claims Full Diams Full Dia

US-PAT-NO: 6951653

DOCUMENT-IDENTIFIER: US 6951653 B2

\*\* See image for Certificate of Correction \*\*

TITLE: Streptococcal C5a peptidase vaccine



US-PAT-NO: 6602508

DOCUMENT-IDENTIFIER: US 6602508 B2

TITLE: Method of immunization using a Group B Streptococcus type II and type III

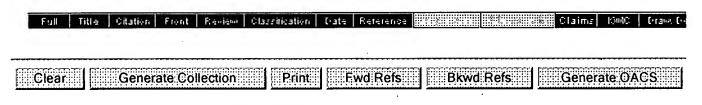
polysaccharide conjugate vaccine

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$\square$ 20	u. Docur	nent w	: US 6	544518 B1					

US-PAT-NO: 6544518

DOCUMENT-IDENTIFIER: US 6544518 B1

TITLE: Vaccines



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First Hit Clear Generate Collection Fwd Refs Bkwd Refs Print Génerate OACS **Search Results -** Record(s) 21 through 30 of 31 returned. ☐ 21. Document ID: US 6444787 B1 L3: Entry 21 of 31 File: USPT Sep 3, 2002 US-PAT-NO: 6444787 DOCUMENT-IDENTIFIER: US 6444787 B1 TITLE: Method of isolating a peptide which immunologically mimics microbial carbohydrates including group B streptococcal carbohydrates and the use thereof in a vaccine Full Title Citation Front Review Classification Date Reference Claims 1000C Eraw. Ev ☐ 22. Document ID: US 6372222 B1 L3: Entry 22 of 31 File: USPT Apr 16, 2002 US-PAT-NO: 6372222 DOCUMENT-IDENTIFIER: US 6372222 B1 \*\* See image for Certificate of Correction \*\* TITLE: Antigenic group B Streptococcus type II and type III polysaccharide fragments having a 2, 5-anhydro-D-mannose terminal structure and conjugate vaccine thereof Full Title Citation Front Review Classification Date Reference Claims 1000C France In-☐ 23. Document ID: US 6355255 B1 L3: Entry 23 of 31 File: USPT Mar 12, 2002 US-PAT-NO: 6355255 DOCUMENT-IDENTIFIER: US 6355255 B1 \*\* See image for Certificate of Correction \*\* TITLE: Streptococcal C5a peptidase vaccine Full Title Citation Front Review Classification Date Reference ☐ 24. Document ID: US 6284884 B1 File: USPT L3: Entry 24 of 31 Sep 4, 2001

US-PAT-NO: 6284884

DOCUMENT-IDENTIFIER: US 6284884 B1

\*\* See image for Certificate of Correction \*\*

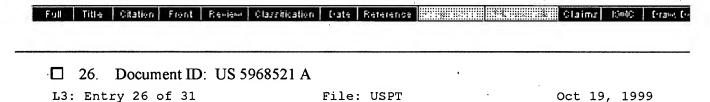
TITLE: Antigenic group B streptococcus type II and type III polysaccharide fragments having a 2,5-anhydro-D-mannose terminal structure and conjugate vaccine thereof

Full Title Citation Front Review Classification Date Reference Classification Code Reference Cla

US-PAT-NO: 6270775

DOCUMENT-IDENTIFIER: US 6270775 B1

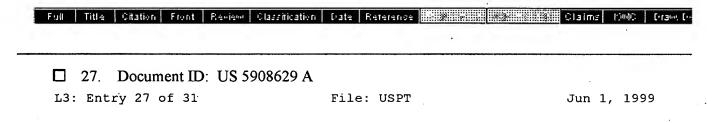
TITLE: Streptococcal C5a peptidase vaccine



US-PAT-NO: 5968521

DOCUMENT-IDENTIFIER: US 5968521 A

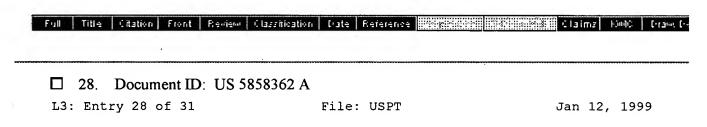
TITLE: Conjugate vaccine for group B Streptococcus



US-PAT-NO: 5908629

DOCUMENT-IDENTIFIER: US 5908629 A

TITLE: Conjugate vaccine for group B streptococcus



US-PAT-NO: 5858362

DOCUMENT-IDENTIFIER: US 5858362 A

TITLE: Conjugate vaccine for group B Streptococcus

Full Title Citation Front Review Cla	ssification Date Reference	Claims 1900 - Graw, G
☐ 29. Document ID: US 5846	5547 A	
L3: Entry 29 of 31	File: USPT	Dec 8, 1998
US-PAT-NO: 5846547 DOCUMENT-IDENTIFIER: US 5846547 ** See image for <u>Certificate of</u>		
TITLE: Streptococcal C5a peptida	ase vaccine	
Full Title Citation Front Review Cla	ssitication   Date   Reference	Claims   KindO   Craw, C
☐ 30. Document ID: US 5843	3444 A	
L3: Entry 30 of 31	File: USPT	Dec 1, 1998
US-PAT-NO: 5843444 DOCUMENT-IDENTIFIER: US 5843444	А .	
FITLE: Conjugate vaccine for gro	oup B streptococcus	
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L2 and single adj3	(carrier or protein)	31
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First Hit Clear Generate Collection Print Fwd Refs Bkwd Refs Generate OACS Search Results - Record(s) 31 through 31 of 31 returned. ☐ 31. Document ID: US 5820860 A L3: Entry 31 of 31 Oct 13, 1998 File: USPT US-PAT-NO: 5820860 DOCUMENT-IDENTIFIER: US 5820860 A TITLE: Conjugate vaccine for group B streptococcus Print Fwd Refs Bkwd Refs Generate OACS Clear Generate Collection Documents Terms 31 L2 and single adj3 (carrier or protein)

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